1-Decanamine, mono-DMTBS

Inchi: InChI=1S/C16H37NSi/c1-7-8-9-10-11-12-13-14-15-17-18(5,6)16(2,3)4/h17H,7-15H2,1-6H
InchiKey: QIJCOFUVDFQSOI-UHFFFAOYSA-N
Formula: C16H37NSi
SMILES: CCCCCCCCCCN[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 271.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.76		Crippen Method
logp	5.722		Crippen Method
rinpol	1647.00		NIST Webbook
rinpol	1647.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R64792&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices